

12. A mobile telecommunications terminal according to claim 9 or 10, wherein the transmission parameter includes a frequency band, each preamble being transmitted via the frequency band indicated by the current transmission parameter.
- 5 13. A mobile telecommunications terminal according to any one of claims 9 to 12, wherein the transmission chain includes a plurality of antennae in an antenna array, and directionality of a beam formed by signals transmitted from the array is selected for each preamble transmission based on the transmission parameter.
- 10 14. A mobile telecommunications terminal, wherein the transmission chain includes a phase shifting means for shifting the phase of the signals supplied to the individual antennae in the antenna array, the phase shifters being controllable on the basis of the transmission parameter.
- 15 15. A mobile telecommunications terminal according to any one of claims 9 to 14, wherein the uplink is established in accordance with the transmission parameter used when the base station successfully received the preamble.
- 20 16. A mobile telecommunications terminal according to any one of claims 9 to 15, wherein the transmission parameter includes a power level at which each preamble is transmitted, the power level being increased between at least some sequentially adjacent preamble transmissions.